

19991112.qrp v01_n637.qrl.991112

Date: Fri, 12 Nov 1999 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1637

QRP-L Digest 1637

Topics covered in this issue include:

- 1) [55861] Stepper drivers from floppies
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
- 2) [55862] antennae
by Anthony Felino <anthony@pacinfosb.com>
- 3) [55863] Ft. Wayne Hamfest / QRP Forum
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 4) [55864] NT+ Fox Tonite - Thursday?
by "jmb" <jmb@cruzio.com>
- 5) [55865] History: ENIGMA
by JPD <jdanter@mail.i-america.net>
- 6) [55866] Re: antennae
by "Nick Yokanovich" <n0ny@toad.net>
- 7) [55867] Re: RS HTX-10 - I Shoulda' Known Better
by K2UD@aol.com
- 8) [55868] N/T+ Fox 11-14-99 KC0AYG
by "Matthew Balvanz" <kc0ayg@hotmail.com>
- 9) [55869] Re: History: ENIGMA
by "Nick Yokanovich" <n0ny@toad.net>
- 10) [55870] Disconnecting From This List...
by "Andy GM0NWI" <gm0nwi@tesco.net>
- 11) [55871] FOXHUNT:Team Scores
by Bruce Rattray <rattray@gpfn.sk.ca>
- 12) [55872] Re: antennae
by KD1YV <kd1yv@mindspring.com>
- 13) [55873] HYGAIN 14AVQ DIMENSIONS
by cx8at@adinet.com.uy
- 14) [55874] Re: What eats computer ribbon?
by "Nick Kennedy" <nkennedy@cswnet.com>
- 15) [55875] Re: Was 2 mWatts to a Mobile - Now mobile antennas
by "Dan W. Dooley" <dandooley@pipeline.com>
- 16) [55876] FS: 15 Meter SSB/CW Transceiver
by Dave Redfearn <n4elm@texoma.net>
- 17) [55877] Re: Steve Hideg's Internet QRP Club web page removed
by "Al Gritzmacher " <ae2t@arrl.net>
- 18) [55878] HB & MANHATT - first time effort - followup report II
by n5ib@juno.com
- 19) [55879] RS -- DMM/logger on sale !! (longish)

by "Radman" <radman@best.com>
20) [55880] Re: What eats computer ribbon?
by "Steve Sorrell" <ap036@detroit.freenet.org>
21) [55881] Re: What eats computer ribbon?
by Monte Stark <ku7y@dri.edu>
22) [55882] Re: What eats computer ribbon?
by "Steve Sorrell" <ap036@detroit.freenet.org>
23) [55883] Re: antennae
by DAN FOGARD <foga@foothill.net>
24) [55884] Re: antennae
by Jeff <fantbb@yahoo.com>
25) [55885] LEONID METEOR STORM: DO IT YOURSELF
by S LYON <sslyon@worldnet.att.net>
26) [55886] Re: What eats computer ribbon?
by D Bullard <dbullard@negia.net>
27) [55887] Re: ELMER100: Ham Radio Horizons Magazine
by "Randy Jouett" <rules@bellsouth.net>
28) [55888] QRP-L web site, the official word
by Steve Hideg <Steve.Hideg.1@nd.edu>
29) [55889] ATTN:Harvey-Wells Tuner Owners
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
30) [55890] CA Glue and Manhattan Style Construction
by "Kory Hamzeh" <kory@avatar.com>
31) [55891] PROP: Current condx
by "Paul Harden, NA5N" <na5n@rt66.com>
32) [55892] Re: HISTORY: NOVA (PBS) 2 Hr show on Bletchley Park
by "Leon Heller" <leon_heller@hotmail.com>
33) [55893] Re: Stepper drivers from floppies
by "Leon Heller" <leon_heller@hotmail.com>
34) [55894] Re: What eats computer ribbon?
by "Randy Jouett" <rules@bellsouth.net>
35) [55895] Re: RS HTX-10 - I Shoulda' Known Better
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
36) [55896] Re: What eats computer ribbon?
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
37) [55897] CONTEST: QRP Contesting This Weekend
by Ken Newman <N2CQ@citnet.com>
38) [55898] Re: RS HTX-10 - I Shoulda' Known Better
by "Richard E. Robinson" <rerobins@email.uncc.edu>
39) [55899] Norcal net, when and where?
by John Mckee <JMckee@RFMD.com>
40) [55900] Re: CA Glue and Manhattan Style Construction
by Michael Neverdosky <mneverdosky@earthlink.net>
41) [55901] Re: ATTN:Harvey-Wells Tuner Owners
by "Richard E. Robinson" <rerobins@email.uncc.edu>
42) [55902] Re: ANT:Will this work?
by Charles Greene <cgreene@loa.com>
43) [55903] Re: What eats computer ribbon?

by "Mike Yetsko" <myetsko@insydesw.com>

44) [55904] Re: RS HTX-10 - I Shoulda' Known Better
by "Mike Yetsko" <myetsko@insydesw.com>

45) [55905] Re: What eats computer ribbon?
by "S. M. Whitehouse" <ke4yh@gte.net>

46) [55906] Re: History: ENIGMA
by Bob Nielsen <nielsen@primenet.com>

47) [55907] HBR-20 receiver Manhattatn-style
by "ai2q" <ai2q@ispchannel.com>

48) [55908] November Sweepstakes and SSB
by "Stephen D. Cohen" <scohen@xps.xybion.com>

49) [55909] CARDBOARD/COPPER TAPE BOARDS
by ARDUJENSKI@aol.com

50) [55910] Ten Meters really FB
by "Tom Whiteside" <n5tw@igg-tx.net>

51) [55911] Re: QRP-L web site, the official word
by Ray Colbert <af852@rgfn.epcc.edu>

52) [55912] FS: Cleaning out the shack
by "Steve Krosner" <skrosner@mindspring.com>

53) [55913] Re: What eats computer ribbon?
by "Mike Yetsko" <myetsko@insydesw.com>

54) [55914] DSW-40
by "Dan W. Dooley" <dandooley@pipeline.com>

55) [55915] HB: need 18.0 MHZ crystals
by Allan G Taylor <k7gt@arrl.net>

56) [55916] FOXHUNT:Team Scores
by Bruce Ratray <rattray@gpfn.sk.ca>

57) [55917] Re: What eats computer ribbon?
by "George T. Baker" <w5yr@swbell.net>

58) [55918] FW: DSW-40
by "Dan W. Dooley" <dandooley@pipeline.com>

59) [55919] Transistor Help
by Stanley A Mcintosh <mcintos@basf-corp.com>

60) [55920] Re: Norcal net, when and where?
by Jeff <fantbb@yahoo.com>

61) [55921] OPERATING: Charging Gell Cells via Automobile Cigarette Lighter *
Caution*
by Sam Billingsley <SBillingsley@usaninc.com>

62) [55922] FOX:NF9K Final Log
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>

63) [55923] CONTEST: Final call for CW SS Soapbox entries
by Jim Stafford <w4qo@amsat.org>

64) [55924] Re: OPERATING: Charging Gell Cells via Automobile Cigarette Lighter
Caution
by "Mike Yetsko" <myetsko@insydesw.com>

65) [55925] HTX-10 Features - Scanning?
by Alan <aadelma@yahoo.com>

66) [55926] RF Sig-gen bonanza!

by Ed Loranger <we6w@qsl.net>
67) [55927] CLUB: NOVA-QRP Meeting Tomorrow (Reminder)
by Wb4jjj@aol.com
68) [55928] New Toys
by "Steven Weber" <kd1jv@moose.ncia.net>
69) [55929] QRP Homebrewer
by "Norman A. Jackson" <nvj@megalink.net>
70) [55930] Updating N/T+ FOX sked soon
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
71) [55931] Re: Updating N/T+ FOX sked soon
by Pete Burbank <plburbank@kih.net>
72) [55932] OT: looking for CW software
by "Tom Hybiske" <hybiske@generalatronics.com>
73) [55933] Re: OT: looking for CW software
by Paul Erickson <paule@sfu.ca>
74) [55934] Re: OT: looking for cw software
by BenNW7DX@aol.com
75) [55935] NY with 3mW & ME with 7mW
by Jim Hale <kj5tf@yahoo.com>
76) [55936] identification ?
by Bruce Rattray <rattray@gpfn.sk.ca>
77) [55937] SGC 2020 vs. Argonaut II
by "Jim Crooke" <crooke@prodigy.net>
78) [55938] ELMER100: ElmeRadio Winners!
by Bruce Kizerian <kizerian@ced.utah.edu>
79) [55939] FG with MFJ9017 4 watts and indoor SLV
by WB9MII@aol.com
80) [55940] Re: QRP-L web site, the official word
by Roger Hightower <n7kt@earthlink.net>
81) [55941] Re: ELMER100: ElmeRadio
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
82) [55942] 10M ssb HT
by "Carl Zmola" <zmola@campbellsci.com>

Date: 11 Nov 1999 19:08:36 -0500
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [55861] Stepper drivers from floppies
Message-ID: <1999Nov11.190836-0500@[130.113.234.7]>

You're thinking of using a stepper in
a (small) remote tuner? Floppy drives contain
small steppers that MIGHT be adequate to
turn a small variable capacitor or small
roller inductor.

You can use the on-board stepper

controller on the floppy drive. The only interface wires needed would be a logic level "step" pulse (that'd rotate the stepper by a small fraction of a turn), and a "direction" signal. High might correspond to clockwise, and low correspond to counterclockwise.

All modern floppies require DC power of +12v, +12 return, +5v return and +5v. These come in on a 4-pin molded plug that every PC-user has coming out of the PC's power supply.

Then there's a 34-pin header, or a 34 finger edge connector where even pin numbers carry logic signals while odd numbers carry ground:

- 2 - unused
- 4 - unused
- 6 - unused
- 8 - floppy disk "index" hole, generated by drive
- 10- Motor Enable A
- 12- Drive Select B
- 14- Drive Select A
- 16- Motor Enable B
- 18- Stepper direction
- 20- Step pulse
- 22- Serial Write Data
- 24- Write Enable
- 26- Track Zero indicator generated by drive
- 28- Write Protect - generated by drive
- 30- Serial Read Data - generated by drive
- 32- Select head 1 vs. head 0
- 34- unused

Most floppies used in a PC are hardwired to look like DRIVE A, rather than drive B. When you apply DC power, the floppy remains dead till you ground the "Drive Select A" pin. You may also have to ground "Motor Enable A" pin as well.

A floppy contains logic that disallows stepping when the "Track Zero" indicator is active, to prevent the head assembly from running off the guides. Track 0 is usually sensed by an optical coupler bolted to the chassis. When the head assembly moves to the rim of the disk, a "finger" blocks the opto-coupler, and you're on track 0.

Here's a quick test:

Move the head assembly about half-way thru its total travel distance (to get off track zero). Ground pins (10) and (14), which should light up the floppy's front panel LED, and get the spindle motor turning 5 revs/sec.

Short the "STEP" input pin (20) to ground, and watch to see if the stepper turns a bit each time you connect to ground.

Date: Thu, 11 Nov 99 16:45:50 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@lehigh.edu
Subject: [55862] antennae
Message-ID: <Chameleon.942368113.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Do I understand that many on the list and on the air are referring to any non-resonant wire fed in the center with parallel line as a G5RV? I'm confused because I think of a G5RV as a non-resonant long (102' at 20m or something) wire with a match to 50ohm coax done with a specific length of 450ohm line.

I'm not objecting to the usage, though it is confusing. I'm just wondering when someone sez they have a G5RV what sort of picture I should form in the mind. I guess this is sort of like a survey.

73, WN6Q Santa Barbara, CA

Date: Thu, 11 Nov 1999 19:59:08 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@lehigh.edu
Subject: [55863] Ft. Wayne Hamfest / QRP Forum
Message-ID: <199911120058.TAA00377@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Another reminder of the Ft. Wayne (Indiana) Hamfest and QRP forum this weekend. I have had several responses from QRP-L members who will be there.

Hope to see lots of you there. I will even have a door prize or two for those who show up at the 1 PM Saturday Forum.

CU - Bill - N8ET
73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Thu, 11 Nov 1999 17:00:08 -0800
From: "jmb" <jmb@cruzio.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [55864] NT+ Fox Tonite - Thursday?
Message-ID: <0c2c01bf2ca9\$44a5b970\$2489e3a5@workstation>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Did I miss Tony's (KB9TIQ) sked for Fox tonight? NT+ Fox Web page has him operating starting at 0100z. Anybody know where, or maybe if?

tnx,
Jim
k6jmb

Date: Thu, 11 Nov 1999 20:13:59 -0800
From: JPD <jdanter@mail.i-america.net>
To: qrp-1@Lehigh.edu
Subject: [55865] History: ENIGMA
Message-ID: <382B9407.EF1@mail.i-america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Suggested reading.
I found these at my local public library. JPD/KF4VOP

Codebreakers : The Inside Story of Bletchley Park
by F. H. Hinsley (Editor), Alan Stripp (Editor)

Oxford Univ Press(Trade); ISBN: 019285304X ;
"...27 personal narratives by British code breakers..."

The Hut Six Story
by Gordon Welchman
Classical Crypto Books; ISBN: 0947712348

Enigma
by Robert Harris
Ivy Books; ISBN: 0804115486
A novel, but provides good detail on Bletchley

Date: Thu, 11 Nov 1999 20:21:02 -0500
From: "Nick Yokanovich" <n0ny@toad.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55866] Re: antennae
Message-ID: <008301bf2cac\$30a3c720\$1d7296d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anthony Felino wrote
>I'm not objecting to the usage, though it is confusing. I'm
>just wondering when someone sez they have a G5RV what sort
>of picture I should form in the mind. I guess this is sort of
>like a survey.
>73, WN6Q Santa Barbara, CA
>
I always wonder about antennas reported as 'G5RV up 30 feet'.
Must be a trench in there somewhere.
Nick K3NY Arnold, MD

Date: Thu, 11 Nov 1999 20:21:06 EST
From: K2UD@aol.com
To: DYARNES@aol.com
Cc: qrp-l@lehigh.edu
Subject: [55867] Re: RS HTX-10 - I Shoulda' Known Better
Message-ID: <0.f70a67da.255cc582@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

At Radio Shack, all of our two-way radio devices are put through an extensive testing process, or so they would like you to believe.

BUNK!

I used to work at a Tandy Service Center. I have yet to hear how they could test a walkie-talkie when there were no battery contacts installed! Radio Shack's quality control takes place at their service centers, after the fact!

72

Howard Kraus, K2UD

Date: Thu, 11 Nov 1999 19:24:12 -0600
From: "Matthew Balvanz" <kc0ayg@hotmail.com>
To: <qrp-1@lehigh.edu>
Subject: [55868] N/T+ Fox 11-14-99 KC0AYG
Message-ID: <19991112012500.19833.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Once again everyone I'll be on the air as the N/T+ Fox. My next operating time is this Saturday night, that's 11-14-99 0100-0300 UTC. At the suggestion of Ken, N4SO I'll try operating around 7.112 Mhz and try to keep myself between the SW stations :-)

And here's the rundown of the station. Looks like I'll be operating from KC0DBO's shack once again. (Although I must admit having the DSP is fun!)

Rig: Yaesu FT-847 @ about 4 watts
Antenna: Inverted Vee @ 30ft. aligned NW/SE- fed by an MFJ-949 tuner

I'd like to try and beat my 10 Q's that I had for my first run, so come and hunt me down!

72,
Matthew KC0AYG Ames, IA

Date: Thu, 11 Nov 1999 21:10:54 -0500

From: "Nick Yokanovich" <n0ny@toad.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55869] Re: History: ENIGMA
Message-ID: <011701bf2cb3\$2836a060\$1d7296d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Also recommended:

Combined Fleet Decoded: The Secret History of American Intelligence and the
Japanese Navy in World War II
by John Prados ISBN: 0679437010
Intelligence at war on the other side of the world.

Nick K3NY Arnold, MD

Date: Fri, 12 Nov 1999 02:24:10 -0000
From: "Andy GM0NWI" <gm0nwi@tesco.net>
To: "American QRP List" <qrp-1@lehigh.edu>
Subject: [55870] Disconnecting From This List...
Message-ID: <000d01bf2cb5\$3c9ba800\$12408cd4@andy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can someone please give me the exact instructions for
disconnecting from this list..

E-mailing gettin' a bit much, but will return later in the year..

Thanks to everyone who has helped with my enquiries in the past..

72s De Andy GM0NWI
"Long Live QRP...!!"

gm0nwi@tesco.net

Date: Thu, 11 Nov 1999 20:33:14 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [55871] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.991111202733.4857B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

Fox Hunt #3 - AB5UA -

20th. MAINE BENGAL BEARS:Total=3 BLUE J's:Total=1

Jim - N5IB
Butch - N5SMQ
Bill - NT1R
Joel - KE1LA

John - VE3JC
Jim - VE6JWA
Jeff - VA3JFF
Jon - TF3JA

DURHAM MORSE MEN:Total=0

Jim - VE3KQN
Ken - VE3ELA
John - VA3JE
Garry - VE3REP

EMPIRE HOUNDS:Total=2

Dick - K2REB
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH <-

HOUSTON HOUNDS:Total=10

Bill - K5ZTY <-
Bill - W5SB
Terry - KQ5U <-
Dan - KK5LD <-

MANGY MUSHERS:Total=9 "SWEEP!"

Pete - NV4V <-
Paul - VE7CQK <-
Bruce - N7RR <-
Ed - K1VP <-

NIGHT OWLS:Total=5

Ed - WE6W <-
Rich - N5JI
Dan - N7CQR
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=7

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR <-
Gody - AC6U

RAIDERS OF THE LOST RF:Total=4

Fred - VE3FAL
Earl - VE6EWM
Mary - NA6E
Bruce - VE5RC <-

SFBA FOGHORNS:Total=3

Bob - N6WG <-
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWORDS:Total=5

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE

TEAM ScQRPion:Total=9 "SWEEP!"

Floyd - NQ7X <-
Gary - AB7MY <-
Conard - WS4S <-
Bob - KI7MN <-

TEXAS TARANTULAS:Total=8

Bill - K5LN <-
Dave - N5IW
Bob - AF5Z
Tom - N5TW <-

WESTERN WRANGLERS:Total=4

Randy - K7TQ
Chuck - K7QO
Steve - WW7Y <-
Ron - KU7Y <-

SCATTER SHOT GUNNERS:Total=6

Mike - K1MG
Jack - W5TFB <-
Stan - N6XU
Pat - K0PC <-

SWAMP RATS:Total=8

Tom - N1TP <-
Mac - AF4PS <-
Fred - W2XN
Paul - AJ4Y

TEAM CRAMP.COM:Total=8

OJ - K10J
George - K5VUU <-
Mike - K5NZ <-
Eric - NM5M

TESLA'S TERRORS:Total=12 "SWEEP!"

Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW <-
Joe - W0JOE <-

UNDERDOGS:Total=8

Roy - AB7CE <-
Dan - N4ROA <-
Brian - KB9BVN <-
Ron - KI0II

NORTEX Irregulars:Total=0

Doc - W5TB
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

....72 - Bruce(VE5RC+VE5QRP)

Date: Thu, 11 Nov 1999 21:38:40 -0400
From: KD1YV <kd1yv@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55872] Re: antennae
Message-ID: <3.0.5.16.19991111213840.3b2f7958@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anthony,

I agree with you totally, that a G5RV is of specific dimensions in both the radiating elements and the matching stub. A balun is NOT part of a G5RV. The article by G5RV himself specifically warns against use of a balun.

Nick, regarding the height, the article gives a specific length that should drop away perpendicular to the radiating elements. I believe that it is 20 feet, after which it can be bent off at a convenient angle. Therefore, a G5RV at 20 feet would still be valid.

73 de Jim, KD1YV

At 08:21 PM 11/11/99 -0500, Nick Yokanovich wrote:

>

>

>

>Anthony Felino wrote

>>I'm not objecting to the usage, though it is confusing. I'm

>>just wondering when someone sez they have a G5RV what sort

>>of picture I should form in the mind. I guess this is sort of

>>like a survey.

>>73, WN6Q Santa Barbara, CA

>>

>I always wonder about antennas reported as 'G5RV up 30 feet'.

>Must be a trench in there somewhere.

>Nick K3NY Arnold, MD

>

>

Date: Fri, 12 Nov 1999 02:44:19 -0300

From: cx8at@adinet.com.uy

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [55873] HYGAIN 14AVQ DIMENSIONS

Message-ID: <382BA932.84ADD951@adinet.com.uy>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi everybody.

i have just acquired an unassembled Hygain 14AVQ vertical antenna, for which the previous owner had no assembly manual.

Could anyone help me in finding info as to assembly instructions/steps and measurements for it?

If someone happens to have it, could you scan it for me (somebody told me that are about two pages) or send me at least the measurements for it?

Thanks for any possible help.

Al, CX8AT/qrp

Date: Thu, 11 Nov 1999 20:38:56 -0600

From: "Nick Kennedy" <nkennedy@cswnet.com>

To: <dbullard@negia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [55874] Re: What eats computer ribbon?

Message-ID: <006a01bf2cb7\$121274e0\$287054d8@the-great-c>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: D Bullard <dbullard@negia.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, November 10, 1999 10:09 AM
Subject: Re: What eats computer ribbon?

>
>Maybe I need to supplement the bird feed (that the squirrels steal) with
>some kind of vitamins or minerals :)
>

Right. Being a kinder and gentler 90's kind of guy, I tried that too. I gave them salt. I gave them corn. I tried giving them a mild shock. I sprinkled on some fox urine. They laughed at me.

At that point my hippie peace-and-love disposition receded and my viewpoint darkened. I considered arming myself. Perhaps a 410 or a .22. But I was afraid that the authorities and neighbors would take a dim view of me blasting away right down town. So I bought a pellet gun. A Daisy, but what a gun! No CO2, you just pump it once. It's heavy and accurate. I found that I could not only get their attention, I could kill the squirrels with this thing. "They" say you just keep up the killing spree until you bag the rouge squirrel. I eventually got to that point. The remaining squirrels were well behaved.

Oh yeah--I also tried trapping (humanely). I caught one squirrel and also caught my cat.

72 and good hunting,

Nick, WA5BDU
in Arkansas

Date: Thu, 11 Nov 1999 20:40:55 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <kj5tf@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55875] Re: Was 2 mWatts to a Mobile - Now mobile antennas

Message-ID: <00c501bf2cb7\$58972140\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would not call myself an "antenna expert", but do have a fair amount of experience at mobile operation. At the risk of sounding too arrogant, I'd match the Hustler up against anything out there for mobile operation. For my input on the subject, check out my web site <http://www.qsl.net/wb9tka>.

Dan W. Dooley WB5TKA Y2K Complacent
 e-mail to: dandoooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

-----Original Message-----

From: Jim Hale <kj5tf@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, November 11, 1999 10:04 AM
Subject: Was 2 mWatts to a Mobile - Now mobile antennas

>I wonder how your Bugcatcher compairs to the DX3
>Screwdriver in ease of use, cost, and efficiency?
>
>Any mobile antenna experts out there?
>

Date: Thu, 11 Nov 1999 20:45:52 -0600
From: Dave Redfearn <n4elm@texoma.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55876] FS: 15 Meter SSB/CW Transceiver
Message-ID: <382B7F60.A7146FBD@texoma.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

NCG 15M

15 Meter SSB/CW transceiver

21.000 - 21.450 USB or CW (manual break-in)
10 Watts PEP - Hi, 2 Watts PEP - Low
VFO, RIT, Digital Display, Noise Blanker

Used, in very good condition, everything works
with mike, DC cord, and manual.

Would be good for QRP satellite or PSK-31

\$200.00 OBO + shipping
or swap towards a Wilderness Sierra

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Thu, 11 Nov 1999 21:45:56 -0500
From: "Al Gritzmacher " <ae2t@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55877] Re: Steve Hideg's Internet QRP Club web page removed
Message-ID: <199911120251.VAA11071@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

It hasn't been available for a few days. Today it auto-referrs to the
QRPARCI site. Looks like it is gone for good.

On 11 Nov 99, at 5:10, Jerry Scherkenbach wrote:

> Hmmm.....it came right up when I clicked on the link you provided here.
>
> 73
> Jerry N9AW
>
>
> ----- Original Message -----
> From: Bob Helms <af5z@inetport.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Tuesday, November 09, 1999 5:53 PM
> Subject: Steve Hideg's Internet QRP Club web page removed
>
>

> > The web site for the "Internet QRP Club" often referred to as the
> > QRP-L web page has been "taken down" by its operator.
> >
> > Web pages with links to <http://qrp.cc.nd.edu/qrp-l/>
> > will produce an error unless that service is restored.
> >
> > 73,
> > Bob Helms, AF5Z
> > af5z@inetport.com
> >
>
>

=====

The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Thu, 11 Nov 1999 21:49:59 EST

From: n5ib@juno.com

To: qrp-l@Lehigh.edu

Subject: [55878] HB & MANHATT - first time effort - followup report II

Message-ID: <19991111.204915.8743.0.N5IB@juno.com>

I've done a bit more tinkering with the xmtr in the Altoids tin. It's a good thing I'm playing with metal tins. My wood box making efforts are curtailed for a time - thieves backed a pickup into my carport while we were at work and made away with my radial saw - luckily they didn't take the really valuable item - my big, lifetime-supply spool of antenna wire.

status a week ago:

Epson 28.16 MHz oscillator, followed by 74LS74, using both flip-flops as divide by 4. Thus far its a Fireball-40. Now for my twist: a 7406 open collector hex inverter (used 74 instead of 74LS 'cause I had 'em, and 06 has the 30 V rated output that the 05 does not). Connected a pair of inverters, in parallel, to the Q output of the divider, and another paralleled pair to the not-Q output. The repective collectors go to opposite ends of a transformer (14 T #26 on T37-61, center-tapped - thanks NorCal toroid kitters!) and the +5 V supply is fed at the center

tap. Shunt the primary with 82 pF and a 10-50 pF trimmer. Four turn secondary with a 47 ohm load resistor. Everything's dc coupled right now, except for the secondary winding. Getting better than 7 Vpp across the 47 ohm load (about 150 mW, 2 turn secondary yielded 70 mW) The waveform is remarkably clean looking (a little too triangular to be a real good sine wave) on the scope when the trimmer is adjusted. Have not yet added a pi-net filter for harmonic suppression.

status tonight:

Changed secondary to 6 turns. Ran the center tap to the unregulated voltage instead of the 5 V line. Keying by the brute force method - just keying the Vcc line to the 7404, while the oscillator and flip-flops are free running. With a 9 V supply 320 mW out, with a 12 V supply 490 mW out. 7404 gets pretty warm on 12 V, not so bad at 9V. On a receiver placed near enough so that the signal is S7 to S8 just a hint of key clicks. Will probably add the pi-net filter now, a bit more decoupling, and button it up and see how it plays on the air. More than likely will run from a 9V battery.

73 ... and lock up your goodies...

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 11 Nov 1999 18:53:36 -0800
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>
Subject: [55879] RS -- DMM/logger on sale !! (longish)
Message-ID: <0d8801bf2cb9\$22190460\$94dd56ce@vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

While touring the exhibit hall at Pacificon this year, I discovered a product that I'm in love with -- the RS DMM/Data Logger with PC interface -- product #22-805, on sale for \$49.95 with software and DB-9 interconnect cable, test leads, etc. Sale ends Nov 20th. I strongly recommend this buy! If you want the details, read on....

Over the past year, I've been considering "spooling up" a homebrew data logger with a Stamp/PIC, level converters, a bit of BASIC, some packaging, etc, etc... time constraints kept me from getting to it. Buying a "real logger" from National Instruments, etc involves *real money* -- well outside the budget constraints of a typical ham/homebrew guy.

What is a data logger and why would you need one? A logger is an analytical instrument that allows you to "log" data (voltage, current, resistance, etc) in real time, and write that log data to a file. The log file can then be imported to a spreadsheet (Excel, Lotus, etc) and graphed, manipulated or otherwise analyzed. Essentially, any display value (on the DMM LCD) can be logged. The logging software (included) can be configured to log samples as frequently as once per second or every several seconds or minutes apart -- your choice. The logging software runs in DOS, Win3.1, Win95, Win9x, etc. Installation and configuration is very simple. Just install and select the Com Port (1-4) you wish to use. That's it. The logger will run as a "background task" so you can set up your experiment and continue with normal computer operations. If you need more than one logging channel, buy a second #22-805 and you can run dual sessions simultaneously -- stored to different files -- enabling you to log voltage and current in real time -- cool yes?

If you have the need, you could run four #22-805s simultaneously and log four data channels. No, you won't get all the fancy signal conditioning and the clever analysis tools you'll find in a \$1K+ solution from National Instruments, but consider that your 4-channel investment is merely \$199.!! Not bad!

So what would/could you do with a logger? Well, here's some thoughts:

1.) Ever read a post on QRP-L from someone pondering whether their SST, OHR, K2, etc will go XX hours this upcoming weekend with a gelcell of Y AmpHrs? Yep, we all have. Now you can model your scenario on your lab bench *before* you head to the field. Set up your battery, program a keyer in beacon mode to key the rig at regular intervals at your selected RF power --into a dummy load. Attach your logger and you'll know *exactly* when your battery tanked.

2.) Chasing a troubling intermittent problem in a rig that's voltage or current related? Attach some pin grabbers to the component in question and log the voltage/current overnight. Easy way to baby-sit the problem while doing something more important -- read the results on the log file the next day.

3.) In general, any transducer that can convert some unit of measure to a voltage measurement can be logged. For example, temperature, mechanical strain, wind speed, etc can be easily logged with accessory transducers. Just log the output as "voltage" and create a macro in Lotus to back-solve your conversion equations.

Summary: The 22-805 is a steal at \$49.95. It's a civilized DMM with a big fat LCD that measures Vac, Vdc, Ohms, Diode Check, Idc and Iac -- both up to 20 amps. It features display hold and a ranging button for the ohms scale. It has a separate power on/off push button, and it has auto time-out. The DB-9 cable attaches to a port at the top of the meter. The meter is powered by a single 9V alkaline batt. It will NOT time-out in logging mode, as the logger program takes over and controls the meter power. I've had mine logging constantly for a week -- still on the original battery -- not included ;)

If you run out of things to log, this meter looks decent on the lab bench -- a yellow and gray case -- sort of Fluke-like in appearance. If you're shopping for your first DMM, I think this is a good choice. Later, you'll want to pick up an LCR meter to read capacitance and inductance -- the *small* values. The #22-805 has no 'C' or 'L' scales.

This isn't new technology, just a nice product that's especially enticing at a low price-point. I'm off to buy another! :-))

Remember... sale ends on Nov 20th !

Happy logging,

Conrad - NN6CW -- not related to Tandy, RS, etc :-)

Date: Fri, 12 Nov 1999 03:36:16 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <nkennedy@cswnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55880] Re: What eats computer ribbon?
Message-ID: <019401bf2cbf\$14880f20\$b242b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nick, been there done that, except I have NO REMAINING squirrels. My neighborhood cats are all fat. Remember when you get into your kinder-gentler moods that squirrels are just rats with fuzzy tails.
de Steve, W8SFF

Date: Thu, 11 Nov 1999 19:41:35 -0800 (PST)

From: Monte Stark <ku7y@dri.edu>
To: Nick Kennedy <nkennedy@cswnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55881] Re: What eats computer ribbon?
Message-ID: <Pine.GS0.4.10.9911111938490.24690-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 11 Nov 1999, Nick Kennedy wrote:

> I sprinkled on some fox urine.

Now I've seen all the Wild Horse Milking contests before the rodeos but I ain't never seen nothing like that!

Boy, that's gotta be one mad fox when you get done!

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....

Date: Fri, 12 Nov 1999 03:47:14 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55882] Re: What eats computer ribbon?
Message-ID: <01ba01bf2cc0\$9c8a1020\$b242b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bet he only gets to do it once, too!
de Steve, W8SFF

Date: Thu, 11 Nov 1999 20:57:13
From: DAN FOGARD <foga@foothill.net>
To: anthony@pacinfosb.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [55883] Re: antennae
Message-ID: <3.0.6.16.19991111205713.548fc6fe@foothill.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 16:45 11/11/99 -0800, Anthony Felino wrote:
>Do I understand that many on the list and on the air are
>referring to any non-reson

>YOU ARE RIGHT THAT IS THE TRUE G5RV.....THAT WAS MINE BEFORE LIGHTNING
HIT AND THEN I HAD SEVERAL LITTLE G5RV'S ABOUT 6 INCHES LONG AND A FRIED
TUNER.

DAN W6PRL

Date: Thu, 11 Nov 1999 20:08:16 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [55884] Re: antennae
Message-ID: <19991112040816.8690.rocketmail@web113.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- KD1YV <kd1yv@mindspring.com> wrote:
> I agree with you totally, that a G5RV is of
> specific dimensions in both the
> radiating elements and the matching stub. A
> balun is NOT part of a G5RV.
> The article by G5RV himself specifically warns
> against use of a balun.

G5RV designed the antenna to be resonant on 20
meters and to be good match to 70 ohm coax. It
was only after he put it up that he discovered
that it would load up on other bands fairly
easily.

It is a good multiband antenna that seems to
comes most often in 2 flavors. The full version
which is 102 feet long with a 34 foot ladder line
feeder. And the shortened version which is 52
feet long with a 17 foot ladder line feeder.

72!

Jeff

=====

Jeff Jones

AB6MB

Norcal QRP Net 7045 Sunday 6pm PST Monday 0200 UTC

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 12 Nov 1999 11:17:26 -0500

From: S LYON <sslyon@worldnet.att.net>

To: qrp chat <qrp-l@Lehigh.EDU>

Subject: [55885] LEONID METEOR STORM: DO IT YOURSELF

Message-ID: <382C3D96.B90F595E@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

-All the info you need to have a once-in-a-life-time wowser. If the weather and historical schedule hold up, you won't want to miss this!

From: NASA Science News

[mailto:expressnews@sslabs.msfc.nasa.gov]

<mailto:[mailto:expressnews@sslabs.msfc.nasa.gov]>

Sent: Thursday, November 11, 1999 12:27 PM

To: express-delivery@sslabs.msfc.nasa.gov

<mailto:express-delivery@sslabs.msfc.nasa.gov>

Subject: Do-it-yourself Leonids

NASA Space Science News for November 11, 1999

NASA wants you! (to help observe the Leonids) - You

don't

have to be a rocket

scientist to observe the 1999 Leonid meteor shower, but

you

can help out

scientists by sending your observations to Science@NASA

<mailto:Science@NASA> . This article

includes observing tips for sky watchers in the northern

and

southern

hemispheres, instructions for scientific meteor

counting,
and a place to submit
your pictures and meteor counts after the shower. FULL
STORY at

http://science.nasa.gov/newhome/headlines/ast11nov99_1.htm
<http://science.nasa.gov/newhome/headlines/ast11nov99_1.htm>
<a

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 11 Nov 1999 23:18:24 -0500
From: D Bullard <dbullard@negia.net>
To: qrp-l@lehigh.edu
Subject: [55886] Re: What eats computer ribbon?
Message-ID: <3.0.5.32.19991111231824.00798ab0@pop.negia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I guess the lead supplements is the way to go. I've tried
marbles and a sling shot. It knocks the breath out of them but
they come right back for more.

It seems like I have seen some Teflon ribbon cable used on
a robot type of gizmo that would do the trick for radials. I would
love to try some Teflon coax too but that ethernet stuff is awful stiff.

Don WA4IML
Athens GA

Date: Thu, 11 Nov 1999 19:20:49 -0600
From: "Randy Jouett" <rules@bellsouth.net>
To: <rmcconne@lightlink.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [55887] Re: ELMER100: Ham Radio Horizons Magazine
Message-ID: <000201bf2cc5\$c6e180b0\$9ee83cd0@spock>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Robert McConnell <rmcconne@lightlink.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, November 04, 1999 6:59 PM
Subject: Re: ELMER100: Ham Radio Horizons Magazine

Hi, Robert, and thanks for the reply. I'm sorry it took so long to respond to this message. I've been REAL busy with work. I have around a bizillion e-mails to answer, so I'll try to make this short, if you don't mind :^).

> At 02:57 PM 11/4/99 -0600, Randy Jouett wrote:
> >
> >I still have all my copies of HHR, BTW, and you couldn't get
> >them from my dying hands, even if you were using a super-duper,
> >atomic-powered crane :^). BTW, if anyone wants their HHR
> >magazines to find a good home, please let me know! Mine are
> >getting dog-eared and ragged from too much use :^).
> >
>
> Randy,
>
> Do you know anyone with a scanner? Image files can be used again
> and again without getting dog-eared. They can also be archived in
> several forms as well as easily shared with others.

I have access to a scanner, Robert, and I guess I could burn my own CD-ROM for personal use. If I did this, I'd love to pass on a CD to anyone that asked, but someone sent me an e-mail saying that CQ purchased copyrights from the Ham Radio folks. Maybe we should get in touch with the folks at CQ and ask them for a CD or HRH? There is a TON of good operating and Elemer-type info in those mags. Hmmm. How about a Ham Radio Magazine for those of us that are beyond the Elmer 100's? Won't hurt to ask! I'll see if I can find a website for them and see what gives.

> Since several people think those magazines are a valuable resource,
> it would be a shame to loose them just because nobody took a few
> minutes to preserve them. I will have CD-RW capabilities in a couple
> of months and could assemble a collection of images easily enough. I

> also have about 4GB of disk storage available to organize them onto.

Sounds cool. Let's see if we can get in touch with CQ Magazine and see what they have to say about this first, though :^).

72/73,

Randy Jouett, AB5NI

574 Messages to go :^)

Date: Fri, 12 Nov 1999 00:05:04 -0500
From: Steve Hideg <Steve.Hideg.1@nd.edu>
To: qrp-l@lehigh.edu
Subject: [55888] QRP-L web site, the official word
Message-ID: <v04220803b451503e9a10@[192.168.1.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hi there.

Yes, I have taken the QRP-L web site down, permanently.

Happy trails.

72.

Steve, N8HSC

Date: Fri, 12 Nov 1999 00:57:29 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [55889] ATTN:Harvey-Wells Tuner Owners
Message-ID: <199911120101_MC2-8CB3-EEC4@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Anyone using a Harvey-Wells Z-Match tuner with your QRP setup? Just got one and *believe* I may have it working properly. But I would like to hear from other QRPers using them. Not sure of the tuning procedure... Thanks in advance for all replies :-).

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Thu, 11 Nov 1999 22:15:15 -0800

From: "Kory Hamzeh" <kory@avatar.com>

To: <qrp-l@lehigh.edu>

Subject: [55890] CA Glue and Manhattan Style Construction

Message-ID: <000201bf2cd5\$48e0a000\$14ce21c7@tomcat.avatar.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm build a rig Manhattan style, and I getting CA all over the place. Since I'm experimenting, I'm putting the pads down as I need them. I was wondering what is the best way to clean up the excess CA? QRPP mentions using alcohol, but I don't think it will remove CA -- don't know, haven't tried it yet.

Thanks,

Kory

AC6RN

Date: Thu, 11 Nov 1999 23:54:10 -0700 (MST)

From: "Paul Harden, NA5N" <na5n@rt66.com>

To: qrp-l@lehigh.edu

Subject: [55891] PROP: Current condx

Message-ID: <Pine.SUN.4.10.9911112338070.22859-1000000@shell.rt66.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Several active regions are now present on the surface of the sun facing

the earth, with two new active regions rotating into view. This means the next week or so could produce several medium (class M) flares and the possibility of a major (class X) flare. All these active regions and sunspots have elevated the solar flux well above 200 ... in fact 240 today, with 240-250 predicted over the next few days. This is a pretty hot solar flux, so keep an ear on those upper bands!

Unfortunately, good news often comes with bad news ... and all these active regions, while not necessarily producing flares, do trigger changes in the solar wind and coronal holes ... both of which exert varying solar wind pressure on our magnetic field, keeping it in various disturbed stages. This means active to minor geomagnetic storming. However, such disturbances are usually of short duration, that is, lasting 2-3 hours (unlike a large flare that can cause geomagnetic storming for 6 hours to over a day). So if 40M sounds awful, check back a couple of hours later.

Remember ...

Geomagnetic disturbances generally disturb 10MHz and below

(a bit on 20M, pronounced on 40M, and even worse on 80M)

Solar flux enhances propagation 10MHz and above.

So if you want to work 15 or 10M, look for a high (>150) solar flux.

The higher the flux, the higher the MUF, the higher the reflectivity for better skip propagation. When the solar flux is 200 or more (generally), it means the higher bands remain open longer than usual after sunset as well, and better grey-line propagation.

If you want to work 40M, the condition of the geomagnetic field is what you need to watch ... an A-index <15-20, or a K index <3. Above these values, active to storming conditions are occurring.

I will continue to post these solar/geomagnetic updates, tutorials and significant event notices as long as qrp-l remains around.

72, Paul NA5N

Date: Fri, 12 Nov 1999 00:18:37 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: w5yr@swbell.net, qrp-l@Lehigh.EDU
Subject: [55892] Re: HISTORY: NOVA (PBS) 2 Hr show on Bletchley Park
Message-ID: <19991112081838.53651.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "George T. Baker" <w5yr@swbell.net>
>Reply-To: w5yr@swbell.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: HISTORY: NOVA (PBS) 2 Hr show on Bletchley Park
>Date: Thu, 11 Nov 1999 12:09:58 -0600
>
>An interesting point about Turing that the program glossed over, was the
>fact that he is responsible for the notion of a stored-program machine in
>which program instructions are stored in memory and are alterable by a
>program just like any other number or data item.
>
>Turing is also responsible for the still accepted definition of an
>"intelligent" machine. Quite a brilliant person to have come to such a sad
>end.
>
>On a personal note, my first project at Texas Instruments after finishing
>my graduate work at MIT was the design and construction of TI's first
>digital computer - the Data Analysis and Reduction Computer, or DARC. It
>ended up with about 2500-3000 tubes (can't remember the exact number!), 80
>tons of A/C, and a room full of cabinets, racks, power supplies, etc We
>ended up with basic patents on computer architecture which stand to this
>day.
>

When I joined English Electric Ltd., Kidsgrove, as a student apprentice in the early 1960s, they still had an operational DEUCE valve-based computer, with its mercury delay lines sticking up from the floor like large grey mushrooms. It was based on the earlier ACE, a relay machine that I think was designed by Turing and built at the National Physics Laboratory. I later worked on the LEO IIIF. The original LEO I (LEO stood for Lyons Electronic Office) was the world's first computer designed specifically for commercial applications (stock control in the Lyons eateries).

73, Leon

Leon Heller, G1HSM
Tel (work): +44 1327 357824
Tel (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 12 Nov 1999 00:22:33 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: leinwebe@mcmail.cis.McMaster.CA, qrp-1@Lehigh.EDU
Subject: [55893] Re: Stepper drivers from floppies
Message-ID: <19991112082233.6553.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
>Reply-To: leinwebe@mcmail.cis.McMaster.CA
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Stepper drivers from floppies
>Date: 11 Nov 1999 19:08:36 -0500
>
>You're thinking of using a stepper in
>a (small) remote tuner? Floppy drives contain
>small steppers that MIGHT be adequate to
>turn a small variable capacitor or small
>roller inductor.

A colleague of mine needed a small motor to control an iris on one of our sensor assemblies. I suggested using a stepper from a floppy, and got him a used drive from a rally/hamfest. He controlled it with a PIC using a bridge driver chip. It's working very well.

73, Leon

Leon Heller, G1HSM
Tel (work): +44 1327 357824
Tel (mobile): +44 79 9098 1221
Email: leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 12 Nov 1999 04:14:01 -0600
From: "Randy Jouett" <rules@bellsouth.net>
To: <ap036@detroit.freenet.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55894] Re: What eats computer ribbon?
Message-ID: <03fb01bf2cf7\$56dafe40\$9ee83cd0@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Steve Sorrell <ap036@detroit.freenet.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 10, 1999 12:59 PM
Subject: Re: What eats computer ribbon?

Hi Steve,

> Well Don, personally, I feed them lead. Reduced my squirrel population
> dramatically.

I feed em' lead, too, and I've found out that the best time to
feed em' lead is on the holidays when the neighborhood kids
are popping fireworks. Covers up the pellet gun nicely :^). What's
a bang from a pellet gun when compared to fireworks? Nothing :^).

72/73,

Randy Jouett, AB5NI

Date: Fri, 12 Nov 1999 22:56:51 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [55895] Re: RS HTX-10 - I Shoulda' Known Better
Message-ID: <382C0083.CE54C1EF@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Richard Arland wrote:

> Bruce is correct. Unfortunately it is a very common practice among RS store
> managers to recycle the returns back out to the public without having them
> checked out at a service center.

Some organisations do, some don't. I doubt very much that it is "official
policy" but I've been on the receiving end a few times.

Paradoxically (sp?), senior management would NOT accept that as policy, BUT then
again they stress out junior management, performance wise, to indirectly achieve
that end, I said Paradoxically so there!.

> I worked for RS for about 3 years (part time) and found that this practice
> of reboxing and reselling returns is not unusual.

I doubt if it was "official policy, but I know it does happen (indirectly)

> Also, some managers will
> sell a lay-a-way out of the back room if they are out of stock on a
> particular item and sense the loss of a sale. They then scramble to get the
> item back into the store from another store in the area to cover the
> lay-a-way.

A sale, is a sale, is a sale ad nausea etc. Remember, performance RULES.

> One of the MANY reasons I quit RS.

Obviously to your credit, not to mention your self esteem (neither of which
unfortunately pay the bills)

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S 151o:34':00" E
VK2TIP "I'll give you the TIP mate" QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/> URL - <http://www.qsl.net/vk2tip/>

Date: Fri, 12 Nov 1999 23:16:36 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55896] Re: What eats computer ribbon?

Message-ID: <382C0524.50498736@integritynet.com.au>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Nick Kennedy wrote:

> So I bought a pellet gun. A Daisy, but what a gun! No CO2, you just pump it
> once. It's heavy and accurate. I found that I could not only get their
> attention, I could kill the squirrels with this thing.

Bummer Nick,

My tender age twin grand-daughters followed your email, until reality set in.

Naughty man, naughty man (their words not mine)

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S 151o:34':00" E

VK2TIP "I'll give you the TIP mate" QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/> URL - <http://www.qsl.net/vk2tip/>

Date: Fri, 12 Nov 1999 07:39:23 -0500

From: Ken Newman <N2CQ@citnet.com>

To: QRP-L@lehigh.edu

Subject: [55897] CONTEST: QRP Contesting This Weekend

Message-ID: <3.0.6.32.19991112073923.009334c0@mail.citnet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

Nov 12-14, 1999

~~~~~  
Japan International DX Contest (phone)

Nov 12 - 2300z to Nov 14 - 2300z

Rules: <http://www.sk3bg.se/contest/jaintdx.htm>

~~~~~  
WAE RTTY Contest (Digital)

Nov 13 - 0000z to Nov 14 - 2400z

Rules: <http://www.sk3bg.se/contest/waerttyc.htm>

~~~~~  
OK/OM DX Contest (CW) ... QRP Category!

Nov 13 - 1200z to Nov 14 - 1200z

Rules: <http://crk.mlp.cz/ENG/DXCONTE.HTM>

~~~~~  
AND LATER !!!!!

~~~~~  
LI/NJ QRP Doghouse Operation Sprint *** QRP Contest ***

Nov 20 - 1700z to 2100z

Rules: http://www.njqrp.org/doghouse/doghouse_announce.html

~~~~~  
ARRL Sweepstakes (Phone) ... QRP Category

Nov 20 - 2100z to Nov 22 - 0300z

Rules: <http://www.arrl.org/contests/announcements/98/rules-novss.html>

~~~~~  
HOT Party (CW) ... QRP Category

Nov 21 - 1300z to 1500z (40 Meters)

Nov 21 - 1500z to 1700z (80 Meters)

(HOMEBREW & OLDTIME - EQUIPMENT - PARTY)

Rules: <http://www.sk3bg.se/contest/hotp.htm>

~~~~~  
CQ World Wide DX Contest (CW) ... QRP Category!

Nov 27 - 0000z to Nov 28 - 2400z

Rules: <http://cqww.com/cqww/cqwwrule.html>  
~~~~~

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~

<http://www.njqrp.org/data/contesting.html>

~~~WQ2RP NJQRP Club Station~~~

Date: Fri, 12 Nov 1999 08:00:18 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: r_arland@hotmail.com
Cc: qrp-1@lehigh.edu
Subject: [55898] Re: RS HTX-10 - I Shoulda' Known Better
Message-ID: <v03102801b451be175093@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rich K7SZ writes;

>Bruce is correct. Unfortunately it is a very common practice among RS store
>managers to recycle the returns back out to the public without having them
>checked out at a service center.

That is disturbing but not surprising. The consumer takes a back seat to corporate profit in almost all areas of the business world. A local health provider here in NC is laying off physicians "in order to better serve the public".

One of the reasons the QRP kit marketplace is booming, is excellent customer relations before and after the sale. RS could easily do better.

72,

Rick kf4ar

Date: Fri, 12 Nov 1999 08:17:01 -0500
From: John Mckee <JMckee@RFMD.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [55899] Norcal net, when and where?
Message-ID: <7FBBB9EBE9DAD211956F006094253FD916F35F@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

What is the time and frequency of the Norcal net?

Thanks,

John WB40FT

Date: Fri, 12 Nov 1999 08:18:05 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [55900] Re: CA Glue and Manhattan Style Construction
Message-ID: <382BCD3D.74A98092@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You can purchase solvent to remove CA glue, at any hobby shop.
This is the kind of hobby shop that sells radio control planes and
other.

If you have a friend into drag racing, just get some nitro-methane from
them.

The nitro-methane disloves CA very nicely.

michael N6CHV (in central Florida)

Kory Hamzeh wrote:

>
> I'm build a rig Manhattan style, and I getting CA all over the place. Since
> I'm experimenting, I'm putting the pads down as I need them. I was wondering
> what is the best way to clean up the excess CA? QRPP mentions using alcohol,
> but I don't think it will remove CA -- don't know, haven't tried it yet.
>
> Thanks,

> Kory
> AC6RN

Date: Fri, 12 Nov 1999 08:22:09 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [55901] Re: ATTN:Harvey-Wells Tuner Owners
Message-ID: <v03102803b451c228455b@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Doc, K0EVZ, writes;

>Anyone using a Harvey-Wells Z-Match tuner with your QRP setup?

If you ever see one of these at a hamfest, grab it up. These are excellent Z-match tuners with a built in 10/100/1000 watt SWR/Power scales. I got mine back in March and it is a fantastic piece of gear. You won't be backpacking it, but for home use it can't be beat. The H-W is the original commercial Z-match which dates from around 1955. There is an article by the designer of the H-W in a 1954 or 1955 QST.

They are not too common, but there aren't many Harvey-Wells collectors out there so they are still available at reasonable prices. When you consider that a new LC type MFJ tuner will run \$150 or more, even if you pay \$200 for a H-W you'll get a bargain. They don't make 'em like that anymore.

I'll admit it, I do have some QRO boatanchor gear that I use it with in addition to my QRP rigs.

72,

Rick kf4ar

Date: Fri, 12 Nov 1999 08:16:11 -0500
From: Charles Greene <cgreene@loa.com>
To: elbc@pivot.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55902] Re: ANT:Will this work?
Message-ID: <4.1.19991112075804.0095bc40@mail.loa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:11 AM 11/11/99 -0500, KC1DI wrote:

>very well put Steve,

>73 dave Kc1di

>

Try this one:

The antenna is called a W3EDP antenna, and is described in Practical Wire Antennas, by John Heys, G3BDQ. It is a multiband, wire antenna 85' long with a 17 ft counterpoise. I aimed a 2 oz sinker with 10# fishing line attached at a 40' tree in my back yard and pulled one end of the W3EDP ant over it. The other end is supported at 30' on my house and goes down to a first floor window with an antenna tuner just inside. It is non-resonant on all bands, but tunes well on all bands including the WARC bands using an antenna tuner with a balanced output, MFJ-900. The only other ant I have up is a Hustler 6BTV with 480' of wire radials located 50' from the salt water, Narragansett Bay. The W3EDP is 2 S units better on receive on 80 and covers the whole band - the vertical just covers 50 kHz. Other than that, it works well and seems to be better at local contacts but not as good on DX being down approx 1 S unit, as would be expected. It is a good ant for back packing, as all that are needed is described above plus some tiny insulators made of strips of Plexiglass and a length of nylon cord to support the antenna at the high end.

Try PSK31. Check: <http://aintel.bi.ehu.es/psk31.html>
and May 99 QST. K2 S/N 462.

Chas, W1CG

Rhode Island TCPIP Address Coordinator
w1cg@arrl.net

Date: Fri, 12 Nov 1999 08:36:36 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55903] Re: What eats computer ribbon?
Message-ID: <009f01bf2d13\$6d9568c0\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Nick Kennedy wrote:
>
> > So I bought a pellet gun. A Daisy, but what a gun! No CO2, you
just pump it
> > once. It's heavy and accurate. I found that I could not only get
their
> > attention, I could kill the squirrels with this thing.
>
> My tender age twin grand-daughters followed your email, until reality
set
> in.
>
> Naughty man, naughty man (their words not mine)
>
> Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S
151o:34':00" E

You just need to know how to present it Ian!

When I was married, and hunted, I went down to PA with my family and stayed at my inlaws. Now they both hunt. My mother-in-law had a custom built 6mm benchrest Remington that I know people who would make you paranoid in the woods if they thought that rifle was unprotected... "I" would have loved that rifle.

Anyway, we went down for Thanksgiving on wednesday. The following monday was the first day of deer season. Thursday night, my mother-in-law pulled out the then just recently released Bambi for the kids.

Ooops!!

Well, by sunday my 5-year-old daughter was upset. Daddy's gonna shoot Bambi! With the appropriate tears for a 5-year-old.

I was looking for a way to neutralize the situtaion. So I talked to

her.

"Remember that bad deer that Bambi had to fight with? Well, THAT is who Daddy and Charlie are going after, not Bambi. We're going to go HELP Bambi!"

At 3:30 the next morning, as we were eating breakfast and getting ready to go, Julie shuffled out of the bedroom, came up to the kitchen table and did her trick of standing next to me and leaning on me with a hug. Know what she said?

"Go get 'em Dad!"

Mike
N1DVJ

Date: Fri, 12 Nov 1999 08:57:50 -0500
From: "Mike Yetzko" <myetzko@insydesw.com>
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <grp-1@Lehigh.EDU>
Subject: [55904] Re: RS HTX-10 - I Shoulda' Known Better
Message-ID: <00bf01bf2d16\$4a0909e0\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, since I was the one who originally said maybe he got someone
elses returns....

I don't think that's the case. I have since been told the microphone
is 'required' for the rig to operate.

I would strongly suspect that the factory sources the mics, and
would be astonished to learn they would be tested at all. In fact,
a production line probably does check everything, power connections
or not as one other poster alluded to. But testing doesn't mean
putting in a battery and using it. Things like HTs are probably tested
out of their case on a test jig, or maybe even a nail bed. I wouldn't
be
surprised to learn that with small HTs, the boards are already tested,
aligned, QAed, and burnt in (if that's done) before any external
wires are hooked to the boards. You could probably take that HT
that was mentioned, hook power to it manually, and I'll lay odds the

coils were all aligned.

With the HTX-10, it was probably tested IN the chassis, but on a test bed that had real quick connections.

Yeah, it's a shame you got a mic with no screws. But then, do you every expect 100% quality compliance? I used to, on at least some things. Mercedes Benz... But then I got hold of a Revox, custom built, that was a piece of junk. We took delivery, went to depend on it, and it didn't work. We had to BORROW an old Tandberg in a panic that night. But to be fair, once Revox was aware of what happened, they had a tech from Long Island DRIVE to us. I think maybe it was at least partly to show us how foolish and stupid and wrong we were. But when he saw the evidence, including a QA sheet that was checked instead of signed and initialed, and the wrong parts (2 knobs) on the unit, he got VERY aggitated, called his boss, and was EXTREMELY appologetic. He took the unit with him, and about a week later they had someone DRIVE a new unit, in absolutely perfect and cherry condition, out to us! I really suspect someone lost their job over that.

As to returns being sold, right on the slip it says merchandise must be in new resaleable condition. I don't think it can get more clear than that!

I always was upfront when I sold stuff. If it was opened and not in original wrapping, I would say why. In a lot of cases though, it was just 'out of the box' to look at it. In some cases, that meant out of the box to try it. If it was a return, I had a few people balk, but even there 99% of the time it was how you sold, and people buying a \$400 CB set could be swayed by throwing in a \$.99 mic clip. Oh well. In most cases, though, it was easy, just offer to hook it up, right there, and play with it a while. I realize that's not always possible, but years ago, most RS stores had a CB antenna on the roof. I don't know if they do now though. But hooking the HTX-10 to a decent CB antenna on the roof would probably have resolved all the issues.

I know I was AMAZED the first time I hooked my HTX-100 to an old CB 1/2wave ground plane! FANTASTIC!

Mike Yetzko
N1DVJ

Date: Fri, 12 Nov 1999 09:09:57 -0500
From: "S. M. Whitehouse" <ke4yh@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [55905] Re: What eats computer ribbon?
Message-ID: <006d01bf2d17\$9cbea220\$642c6018@Stew.gte.net>

When I first subscribed to QRP-L three or four years ago I looked forward to reading every message. Now I MIGHT read one or two each day. Just isn't the same list so guess it's time to go.

72

Stew KE4YH QRP-L#590
Dunedin, Florida

Date: Fri, 12 Nov 1999 07:31:48 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [55906] Re: History: ENIGMA
Message-ID: <19991112073148.B6425@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I recall reading (~1971 or so) a facinating book on the subject, The Codebreakers by David Kahn. A search of amazon.com shows a new edition by him, now called

The Codebreakers; The Comprehensive History of Secret Communication
from Ancient Times to the Internet -- David A. Kahn; Hardcover

The search also yielded Hinsley's book in paperback.

--w6swe

On Thu, Nov 11, 1999 at 08:13:59PM -0800, JPD wrote:
> Suggested reading.
> I found these at my local public library. JPD/KF4VOP
>
> Codebreakers : The Inside Story of Bletchley Park
> by F. H. Hinsley (Editor), Alan Stripp (Editor)
> Oxford Univ Press(Trade); ISBN: 019285304X ;
> "...27 personal narratives by British code breakers..."

>
> The Hut Six Story
> by Gordon Welchman
> Classical Crypto Books; ISBN: 0947712348
>
> Enigma
> by Robert Harris
> Ivy Books; ISBN: 0804115486
> A novel, but provides good detail on Bletchley

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Fri, 12 Nov 1999 10:10:18 -0500
From: "ai2q" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [55907] HBR-20 receiver Manhattatn-style
Message-ID: <000001bf2d20\$08e9b2c0\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks:

Well, last night's bench time was so much fun I had to call AA1MI and tell him!

In any case, what I'm working on is a Manhattan-style version of KI6BP's homebrew 20 meter receiver as described in Communications Quarterly. Actually, he's written a series of similar articles in Comm Quart over the last 18 months. Has anyone else on the list looked at his designs? Is anyone working on any of the receivers he describes?

Well, last night I fired up all the sections as a system. Previously, I had tested them individually.

So, I checked out the xtal filter (this is the 25-cent Ten tec filter I glommed at the last hamfest) and 9 MHz IF (it uses a MC1350P), and the balanced IF mixer (it uses 40673 dual-gate MOSFETs), the xtal-controlled 9 MHz LO, and the audio filters (741 op-amps) and audio output amplifier (an LM380), as well as AGC (another 741).

Everything works FB---once again proving (at least to me) the robustness and simplicity of the Manhattan style of construction.

Onwards towards the front-end.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687

Date: Fri, 12 Nov 1999 10:18:07 -0500
From: "Stephen D. Cohen" <scohen@xps.xybion.com>
To: qrp-l@lehigh.edu
Subject: [55908] November Sweepstakes and SSB
Message-ID: <199911121524.KAA107966@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang,

I had an absolute blast this Sweepstakes, 129 QSOs in 53 sections for a claimed score of 13,674. That is about three times last years score, and I have to say that the K2 made a big difference (over the old TS-440). I worked a half-dozen Q precedent stations and was surprised at the number of Qs calling CQ.

I was also surprised at the overall slower rate. People seemed to be running at 25ish WPM rather than the 30+ of last year. A big improvement for me (and my 15WPM code). Folks were generally more than happy to QRS, more so on Sunday than on Saturday evening. I would advise the newbies or the shy to start first thing Sunday morning or very late Saturday night after the speed demons have had there fill of 35+WPM contacts.

Along these lines, has anyone ever worked the SSB Sweepstakes QRP with modest antennas (dipoles)? My setup has a 40M and 20M dipole laying on the roof at 20 feet to cover the 40, 20 and 15M bands. I did OK in CW Sweepstakes, but I don't want to waste my time with "Q" in SSB if I'm going to make ten contacts.

So what do you say, have you worked the SSB Sweepstakes QRP? If so, what sort of antenna setup did you use and how much success did you have? I don't need to make 500 contacts or anything, but if the rate drops much below 10 per hour, it gets boring.

I eagerly anticipate your replies.

73,

Steve, N30IE

Steve Cohen, N30IE
3168 Sandy Ridge Drive
Clearwater, FLA 33761

Date: Fri, 12 Nov 1999 10:35:40 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu, nwq-1@scn.org
Subject: [55909] CARDBOARD/COPPER TAPE BOARDS
Message-ID: <0.d3d1da24.255d8dcc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I found this interesting article for experimenters using cardboard and copper tape for projects: <http://www.alphalink.com.au/~parkerp/ideas.htm> (At least it is new to me). Hopefull this may be of value to some of the new folk.
Alan KB7MBI

Date: Fri, 12 Nov 1999 09:57:32 -0600
From: "Tom Whiteside" <n5tw@iggg-tx.net>
To: <qrp-1@lehigh.EDU>
Cc: "Rumen Stefanov" <lz2rs@mbox.digsys.bg>, "wcarc" <wcarc@chatham.org>
Subject: [55910] Ten Meters really FB
Message-ID: <008801bf2d26\$a2a39560\$6621f0cd@g517v>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Conditions have been really great on 10M QRP lately if you have not been on... On Nov 7 at 1613Z, we did a QSO with LZ2RS (Rumi) and his 5W RST was 589 here!!! We played QRP limbo several times with him continuing to reduce power. This continued to about 419 and he reported power less than 50mW... Today I talked with Rumi and he measured his power three ways and all agree that he was running less than 10mW which he has declared as his power for that test. Certainly reasonable for how strong he started...

Simply amazing!

Rumi has questions about using parts from a Kantronics 2M amplifier for QRP purposes and I'm sending him information on signing up on QRP-L for your ideas on this - he is a clever home brew person and should be an interesting addition to this bright bunch...

See y'all in the foxhunt next week - more on that to come next week...

Tom Whiteside
N5TW Georgetown, TX

Date: Sat, 11 Dec 1999 09:04:51 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: Steve.Hideg.1@nd.edu
Subject: [55911] Re: QRP-L web site, the official word
Message-ID: <38527623.2A846FFD@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve, I for one, am sorry to see your site go and I know you put a lot of effort into making it available and useful to the qrp community. It will be missed.

A great big thankyou for your efforts.

Vy 73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Fri, 12 Nov 1999 11:14:04 -0500
From: "Steve Krosner" <skrosner@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [55912] FS: Cleaning out the shack
Message-ID: <NDBBJMACGLLALGGLJMGFMEDGCBAA.skrosner@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I finally got brave enough to tackle a K2 but I need to clear out some space in the shack and budget. Here's a list. All kit rigs have been built and tested.

38 Special w/ Tick and 5 W mods \$35

ARK 4 40m CW w/keyer, RIT, and AF filter. Uses digital tuning. Built like a tank. \$125

Yaesu FT900 HF 160-10 multiband CW/SSB with built in antenna tuner, hand mike and cable to remotly mount front panel. Never used mobile. \$750

AEA PK12 TNC \$45

Kenwood TH-21AT 2M H/T \$35

ICOM IC-Z1A dual band H/T \$120

73 Steve Krosner, K2ZPF, Marietta GA

Date: Fri, 12 Nov 1999 11:28:38 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <ke4yh@gte.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [55913] Re: What eats computer ribbon?

Message-ID: <01e201bf2d2b\$008011a0\$9001a8c0@wn.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> When I first subscribed to QRP-L three or four years ago I looked forward to

> reading every message. Now I MIGHT read one or two each day. Just isn't the

> same list so guess it's time to go.

> 72

> Stew KE4YH QRP-L#590

> Dunedin, Florida

Sorry you feel that way Stew.

I look at QRP for just a few specific things, but I catch other things of interest sometimes. The specific things I'm interested in sometimes are hard to spot, and yes, I usually only read a few percent of the post, deleting others without more than a glance at the topic.

But I suppose that's the price of an open forum.

If you really want that tight a control of a group, well, good luck looking.

Me? I don't mind browsing the 'topics', and occasionally I find stuff under the wierdest topics that I'm interested in. Sometimes not QRP, but an interest in itself.

Mike
N1DVJ

Date: Fri, 12 Nov 1999 09:59:33 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [55914] DSW-40
Message-ID: <000301bf2d26\$e8f5e720\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My wife just gave me the go-ahead to order my DSW-40! Hoooooraaaay!

Now I'll feel like I'm really joining the ranks of the QRP'ers

Too bad there seems to be no way to order it on line...

Dan W. Dooley - WB5TKA Y2K Complacent
 e-mail to: dandooley@pipeline.com
Si Hoc Legere Scis Nimium Eruditionis Habes

Date: Fri, 12 Nov 1999 08:55:29 -0800
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu

Subject: [55915] HB: need 18.0 MHZ crystals
Message-ID: <382C4681.156A@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am in the process of adjusting the tuning range of my SST-20m xcvr under construction. I have done the two-crystal range trick and get a great range but is about 10 kHz too high. I would like to try pairs from a larger set of 18.0 MHZ crystals until I can find the desired range. Does anyone on the reflector have a few 18.0 MHZ crystals from their SST-20m that I can buy/borrow/use for this iterative process? Obviously if not, I will make up an order for DigiKey.

TNX!

Allan Taylor K7GT k7gt@arrl.net <http://www.qsl.net/k7gt> CM97aq

Date: Fri, 12 Nov 1999 11:01:10 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [55916] FOXHUNT:Team Scores
Message-ID: <Pine.LNX.3.95.991112105124.1999A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL
AS TO PAUL...that will be a big help...thank you all....

Fox Hunt #4 - WOMC -

20th. MAINE BENGAL BEARS:Total=3 BLUE J's:Total=1

| | |
|---------------|---------------|
| Jim - N5IB | John - VE3JC |
| Butch - N5SMQ | Jim - VE6JWA |
| Bill - NT1R | Jeff - VA3JFF |
| Joel - KE1LA | Jon - TF3JA |

DURHAM MORSE MEN:Total=0

EMPIRE HOUNDS:Total=2

Jim - VE3KQN
Ken - VE3ELA
John - VA3JE
Garry - VE3REP

HOUSTON HOUNDS:Total=12

Bill - K5ZTY
Bill - W5SB
Terry - KQ5U <-
Dan - KK5LD <-

NIGHT OWLS:Total=6

Ed - WE6W <-
Rich - N5JI
Dan - N7CQR
Ben - NW7DX

RAIDERS OF THE LOST RF:Total=6

Fred - VE3FAL
Earl - VE6EWM <-
Mary - NA6E
Bruce - VE5RC <-

SFBA FOGHORNS:Total=4

Bob - N6WG <-
Conrad - NN6CW
Andreas - N6NU
Allan - K7GT

SWORDS:Total=6

Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ <-
Dan - N8IE

TEAM ScQRPion:Total=10

Floyd - NQ7X <-
Gary - AB7MY
Conard - WS4S
Bob - KI7MN <-

TEXAS TARANTULAS:Total=10

Dick - K2REB
Kevin - N2TO
Mark - N2JTW
Nick - KF2PH

MANGY MUSHERS:Total=10

Pete - NV4V
Paul - VE7CQK
Bruce - N7RR <-
Ed - K1VP

OKLAHOMA TORNADOS:Total=9

Cliff - AB5UA <-
Royce - KE5TC <-
Don - K5AAR
Gody - AC6U

SCATTER SHOT GUNNERS:Total=8

Mike - K1MG <-
Jack - W5TFB
Stan - N6XU
Pat - K0PC <-

SWAMP RATS:Total=9

Tom - N1TP <-
Mac - AF4PS
Fred - W2XN
Paul - AJ4Y

TEAM CRAMP.COM:Total=8

OJ - K10J
George - K5VUU
Mike - K5NZ
Eric - NM5M

TESLA'S TERRORS:Total=14

Wayne - N0EA <-
Dan - N0DT <-
Tim - N0EHW
Joe - W0JOE <-

UNDERDOGS:Total=11

Bill - K5LN
Dave - N5IW
Bob - AF5Z <-
Tom - N5TW <-

WESTERN WRANGLERS:Total=4

Randy - K7TQ
Chuck - K7Q0
Steve - WW7Y <-
Ron - KU7Y <-

....72 - Bruce(VE5RC+VE5QRP)

Roy - AB7CE <-
Dan - N4ROA <-
Brian - KB9BVN
Ron - KI0II <-

NORTEX Irregulars:Total=1

Doc - W5TB <-
Joe - KK5NA
Don - N5YAK
Barb - KK5QA

Date: Fri, 12 Nov 1999 11:07:48 -0600

From: "George T. Baker" <w5yr@swbell.net>
To: myetsko@insydesw.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55917] Re: What eats computer ribbon?
Message-ID: <0FL3000FBGX1UF@mta3.rcsntx.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Let's all keep in mind that over a two year period our own interests can change a lot. What was interesting a couple of years back may now be "old hat" and no longer attract our attention.

Reading QRP-L is like watching kids grow up - most of the time, it is uneventful but every now and then, something happens that makes all the daily boring stuff worthwhile after all.

I find something of interest or learn something new from QRP-L just about every day.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972

Date: Fri, 12 Nov 1999 11:01:52 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List 2" <qrp-l@Lehigh.EDU>
Subject: [55918] FW: DSW-40
Message-ID: <001001bf2d2f\$9def9420\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Several guys have forwarded to me links to the SWL site and copies of the order form. What I meant by order on-line is: Processing the order transaction through the Web site, preferably with the option of using a credit card and getting the kit on its way. Or, calling it in by phone.

I had already printed out the order form and will mail it in since that seems the only way to do it. I was just hoping for a faster way.

Dan W. Dooley - WB5TKA Y2K Complacent
e-mail to: <mailto:dandooley@pipeline.com>
Si Hoc Legere Scis Nimium Eruditionis Habes

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Dan W. Dooley
> Sent: Friday, November 12, 1999 10:00 AM
> To: Low Power Amateur Radio Discussion
> Subject: DSW-40
>
>
> My wife just gave me the go-ahead to order my DSW-40! Hoooooraaaay!
>
> Now I'll feel like I'm really joining the ranks of the QRP'ers
>
> Too bad there seems to be no way to order it on line...
>
>
> Dan W. Dooley - WB5TKA Y2K Complacent
> e-mail to: dandooley@pipeline.com
> Si Hoc Legere Scis Nimium Eruditionis Habes
>

Date: Fri, 12 Nov 1999 13:03:38 -0500
From: Stanley A Mcintosh <mcintos@basf-corp.com>
To: qrp-1@Lehigh.EDU
Subject: [55919] Transistor Help
Message-ID: <85256827.0062C987.00@basf-corp-gw01.basf-corp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A friend very considerately gave me a small box of transistors... an instant transistor junkbox, if you will. The problem is that most appear to be from the late '70's or early '80's, and I can't find any data on any of them except for the fact that the 2N3997 is a Darlington NPN. I hesitate to have a happy dance over the MPS5179's, since I haven't seen epoxy, TO-92 2N5179's listed anywhere. Any ideas of what's what?

1) SP10963 stud-mount, three leads.

- 2) SP 10962, NPN I know this one is NPN bipolar based on the shipping slip in that box.
- 3) SP 10959, NPN I know this one is NPN bipolar based on the shipping slip in that box.
- 4) MPS901, T0-92
- 5) MPS5179, T0-92

Thanks!

stan

Date: Fri, 12 Nov 1999 10:08:17 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [55920] Re: Norcal net, when and where?
Message-ID: <19991112180817.8446.rocketmail@web106.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- John McKee <JMcKee@RFMD.com> wrote:
> What is the time and frequency of the Norcal
> net?

Here it is;

Sunday 1800 PST (Monday 0200UTC) on 7045 +- QRM

Come and join us!

72!

Jeff

=====
Jeff Jones
AB6MB
Norcal QRP Net 7045 Sunday 6pm PST Monday 0200 UTC
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 12 Nov 1999 13:18:29 -0500

From: Sam Billingsley <SBillingsley@usaninc.com>

To: "Qrpl_Submit (E-mail)" <qrpl@Lehigh.EDU>, "klqrp_submit (E-mail)" <klqrp@waterw.com>, "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>

Subject: [55921] OPERATING: Charging Gell Cells via Automobile Cigarette Lighter *
Caution

Message-ID: <66FCE0D1DF76D311913800805F6D0FA324C68E@MAILSERVER1>

MIME-Version: 1.0

Content-Type: text/plain

I've been operating my INDEX QRP+ from a park at lunch and thought I would use the car to charge my gell cell during my trips between work and home thus keeping a small (1.2 aH) gell ready to go at all times. This seemed to work for a day or two but yesterday I pulled it out to use if for some test I was doing..... zero Volts Zip, nada!

I was leaving the adapter plugged in all the time thinking there was no 12v being applied during key off times (This is true). But what I didn't check was there was a approx 120 ohm drain on the plug when the key was off. Many some other equipment in parallel with the lighter circuit.

So a quick remedy is to disconnect when not actually charging or put a diode (low volt. drop schottky diode preferred) in-line with the positive cable wire to the battery.

Is my car unique? I haven't checked any others yet.

Sam Billingsley AE4GX Atlanta, GA

personal web page at <http://ae4gx.home.mindspring.com/>

North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Fri, 12 Nov 1999 12:22:33 -0600

From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>

To: qrpl@lehigh.edu

Subject: [55922] FOX:NF9K Final Log

Message-ID: <BENNCHJECPABBAAAA@shared1-mail.whowhere.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

OK boys & girls,

Here's my final log. I've eliminated all non qrp-l member contacts (4 of them) for a net total of 68 contacts.

If anyone feels they should be in the log and is not, I can only say that there were a couple of times where I did respond to a call I had heard, but then could not hear the station again to make the exchange. Don't know if it was my ears or QSB or both, but it happened, and I can't go back and change it. I had a great time, and I hope everyone else did too, even if they were not successful at bagging my pelt. I hope to get to be the fox again someday, and significantly improve the QSO count.

73,
Joel NF9K

| GMT | Call | TX | RX | SEC | Name | NR |
|------|--------|-----|-----|-----|----------|------|
| 1:01 | K1JD | 559 | 579 | RI | JOHN | 1945 |
| 1:03 | W8SFF | | 559 | 559 | MI STEVE | 1288 |
| 1:05 | K8CV | 579 | 559 | MI | WALT | 935 |
| 1:06 | WS4S | 579 | 559 | TN | CONARD | 993 |
| 1:08 | K0EVZ | | 579 | 589 | ND DOC | 861 |
| 1:10 | W0CH | 559 | 559 | MO | DAVE | 618 |
| 1:11 | AB8DF | | 579 | 579 | MI ED | 1444 |
| 1:12 | N0EA | 559 | 559 | MO | WAYNE | 1058 |
| 1:14 | K8IQY | | 549 | 559 | MI JIM | 181 |
| 1:15 | N0AR | 559 | 599 | MN | SCOTT | 1455 |
| 1:17 | KU4AF | | 559 | 559 | NC JOHN | 987 |
| 1:19 | VE3JC | | 559 | 559 | ON JOHN | 744 |
| 1:20 | WD4MSM | | 559 | 559 | IN BARRY | 642 |
| 1:22 | WI8W | 579 | 599 | MI | THOM | 1761 |
| 1:23 | K2UD | 559 | 569 | NY | HOWARD | 1535 |
| 1:25 | AF5Z | 559 | 579 | TX | BOB | 984 |
| 1:26 | N9KW | 559 | 559 | IL | JOHN | 1257 |
| 1:29 | K0PC | 559 | 599 | MN | PAT | 1964 |
| 1:33 | N4ROA | | 559 | 559 | VA DAN | 970 |
| 1:35 | KB9IUA | | 559 | 559 | IL KEVIN | 384 |
| 1:37 | N5LU | 559 | 579 | OK | BILL | 2009 |
| 1:38 | N9AW | 579 | 579 | WI | JERRY | 1271 |
| 1:39 | AE2T | 559 | 579 | NY | AL | 1664 |
| 1:41 | N5TW | 559 | 589 | TX | TOM | 1474 |
| 1:42 | K5LN | 559 | 339 | TX | BILL | 1794 |
| 1:44 | N0RN | 559 | 559 | CO | BOB | 1789 |

| | | | | | | | |
|------|--------|-----|-----|-----|--------|-------|------|
| 1:45 | N0RC | 559 | 579 | CO | ROD | 1764 | |
| 1:47 | AE4Y | 559 | 559 | GA | KENT | 1844 | |
| 1:48 | N0DT | 579 | 559 | MO | DAN | 1004 | |
| 1:49 | N8VAR | | 559 | 559 | OH | RON | 263 |
| 1:51 | N8IE | 559 | 559 | OH | DAN | 1404 | |
| 1:53 | NV4V | 559 | 579 | KY | PETE | 1721 | |
| 1:54 | AA2PF | | 559 | 559 | NY | DAVE | 306 |
| 1:56 | KB9BVN | | 579 | 559 | IN | BRIAN | 1540 |
| 1:57 | W0RSP | | 579 | 579 | SD | ADE | 3100 |
| 1:59 | KK5LD | | 559 | 559 | TX | DAN | 2052 |
| 2:01 | N2ZHY | | 559 | 339 | NJ | DAVID | 2067 |
| 2:02 | KU7Y | 579 | 579 | NV | RON | 17 | |
| 2:03 | KI0G | 559 | 559 | CO | BOB | 239 | |
| 2:05 | K5JHP | | 559 | 339 | TX | BILL | 825 |
| 2:06 | N9MZP | | 579 | 559 | IL | WALT | 2060 |
| 2:09 | NQ7X | 449 | 559 | AZ | FLOYD | | 343 |
| 2:11 | K5AAR | | 559 | 559 | OK | DON | 1512 |
| 2:12 | KR0I | 559 | 559 | MO | MAC | 1037 | |
| 2:16 | N1TP | 559 | 559 | FL | TOM | 1317 | |
| 2:16 | N0EHW | | 559 | 559 | MO | TIM | 2047 |
| 2:21 | K5NZ | 559 | 569 | TX | MIKE | 2018 | |
| 2:21 | K1MG | 559 | 559 | CA | MIKE | 614 | |
| 2:25 | AB7CE | | 559 | 559 | MT | ROY | 1497 |
| 2:26 | N3YSI | | 559 | 579 | PA | PAUL | 1835 |
| 2:28 | AF4PS | | 559 | 559 | FL | MAC | 704 |
| 2:29 | KI0II | | 559 | 559 | CO | RON | 928 |
| 2:30 | W8RU | 559 | 599 | MI | RON | 188 | |
| 2:32 | KR5C | 559 | 599 | TX | GEORGE | | 810 |
| 2:32 | K1QM | 559 | 559 | MA | JOEL | 337 | |
| 2:33 | K5VUU | | 559 | 559 | TX | ED | 1343 |
| 2:37 | AI4CW | | 579 | 239 | AL | DON | 1670 |
| 2:39 | VE5RC | | 559 | 339 | SK | BRUCE | 886 |
| 2:40 | WD8KQY | | 579 | 579 | OH | GARY | 446 |
| 2:42 | K5ZTY | | 579 | 559 | TX | BILL | 473 |
| 2:43 | KF2PH | | 599 | 579 | NY | NICK | 13 |
| 2:45 | W5SB | 559 | 559 | TX | BILL | 1279 | |
| 2:46 | WA8RXI | | 559 | 579 | MI | RICK | 1368 |
| 2:47 | KA5T | 559 | 559 | TX | LARRY | | 89 |
| 2:53 | W0JOE | | 559 | 559 | MO | JOE | 1901 |
| 2:54 | W5TFB | | 559 | 589 | TX | JACK | 282 |
| 2:56 | W0MC | 559 | 559 | CO | JERRY | | 800 |
| 2:57 | NW7DX | | 559 | 559 | WA | BEN | 1892 |

Joel Kluender, NF9K
 870 Prairie Street S.
 Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at
<http://www.eudoramail.com>

Date: Fri, 12 Nov 1999 13:26:33 -0500
From: Jim Stafford <w4qo@amsat.org>
To: qrp-1@lehigh.edu
Subject: [55923] CONTEST: Final call for CW SS Soapbox entries
Message-ID: <382C5BD8.C3AFC332@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We have about 30 entries in the Sweepstakes Soapbox on the QRP ARCI site. We will leave it up til this weekend when we will open up a SS Phone Soapbox. At that time it will be "viewable" only via the club contest page. Soapbox entries are accessable for the Fall QSO party and Field Day on that page as well.

So why not drop by and enter your summary total and take a look at some of the others. Get there thru the big green button at the bottom of the arci home page:

<http://www.qrparci.org>

And good luck in the contest...

Jim/W4QO

Date: Fri, 12 Nov 1999 13:26:24 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <SBillingsley@usaninc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55924] Re: OPERATING: Charging Gell Cells via Automobile Cigarette Lighter ***Caution***
Message-ID: <02a801bf2d3b\$77d60ba0\$9001a8c0@wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I've been operating my INDEX QRP+ from a park at lunch and thought I would
> use the car to charge my gell cell during my trips between work and home
> thus keeping a small (1.2 aH) gell ready to go at all times. This seemed to
> work for a day or two but yesterday I pulled it out to use if for some test
> I was doing..... zero Volts Zip, nada!
>
> I was leaving the adapter plugged in all the time thinking there was no 12v
> being applied during key off times (This is true). But what I didn't check
> was there was a approx 120 ohm drain on the plug when the key was off. Many
> some other equipment in parallel with the lighter circuit.
>
> So a quick remedy is to disconnect when not actually charging or put a diode
> (low volt. drop schottky diode preferred) in-line with the positive cable
> wire to the battery.
>
> Is my car unique? I haven't checked any others yet.
>
> Sam Billingsley AE4GX Atlanta, GA
> personal web page at <http://ae4gx.home.mindspring.com/>
> North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Sam,

A LOT of new cars do this. My 1985 Jeep Wagoneer turns the lighter off with the key. My 1993 Intrepid does not.

I've had a couple of Dodge Caravans, and until 1996 they didn't. Then in 1996 the last production run had MULTIPLE sockets throughout the vehicle labeled 'power tap'. (The vehicle did NOT come with cigarette lighters or ashtrays, that was a \$15 'Smokers Package') These all turned off with the key. HOWEVER, it was a dealer configuration. The dealer can pull the relay and insert a jumper block in the power distribution block in the engine compartment to 'configure' the car for delivery to the initial customer.

It seems that's the way the industry is going. There seem to be a number of things that are now 'configurable' one way or another.

My Intrepid can be 'configured' to enable automatic door locking at 15mph or not.

Mike
N1DVJ

Date: Fri, 12 Nov 1999 10:32:05 -0800 (PST)
From: Alan <aadelma@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [55925] HTX-10 Features - Scanning?
Message-ID: <19991112183205.13905.rocketmail@web106.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

With all this talk about this inexpensive radio, I managed to find it's description on the RS site, but it doesn't say much. Does it have a scanning feature?
TIA -- Alan wb2erj

=====

"The wierdness will get you"

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 12 Nov 1999 10:43:51 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [55926] RF Sig-gen bonanza!
Message-ID: <382C5FE7.6D68@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow, I've had this scrap, non-working RF sig gen for the last year just waiting for some time to work on it. Since I don't have a 3rd K2 to build :) I decided to check out the instrument last night.

What: HP8660D mainframe controller; HP86632 Modulation box;

HP86601A RF Module Plug-in for 10 KHz to 160 MHz.

Found two broken wires internally and also that a modified pair of RF connectors were allowed to flop around near a powersupply board, periodically shorting out traces and blowing the mini-fuses! I used some 30 or 32 AWG pure copper wire I extracted from a stranded 22 AWG wire and made my own fusible link across the minifuse. Knowing that the reason for the blown fuses was due to the cables gave me confidence that there were no other causes to the fuses being blown.

Voila!! We now have 10Khz thru 160 Mhz ultra Stable RF sig gen with over 150 dB electronic step attenuator inline and I AM SET!

The official mini-fuses will be installed tonight. No need to take chances.

I'm planning on building some mixers and play around with down/upconverting and the like.

Am doing the happy dance.
enjoy the weekend. 72/Ed we6w

--

-72/Ed WE6W; AR Millennium Q's=> 2208/2000 A-1 OP
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 QRP-L#1068 Old NC#2227

Date: Fri, 12 Nov 1999 13:49:06 EST
From: Wb4jjj@aol.com
To: qrp-l@lehigh.edu
Subject: [55927] CLUB: NOVA-QRP Meeting Tomorrow (Reminder)
Message-ID: <0.cd7534bd.255dbb22@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Here's a last minute reminder: NOVA-QRP, the powerful QRP group for Northern Virginia, will hold its regularly scheduled bi-monthly luncheon get-together at Mama's Restaurant in Fairfax, Virginia on Saturday, November 13, 1999. Mama's Restaurant is just one block west of Fairfax Circle on Route 50. Plenty of (free) parking and great food (not free).

NOVA-QRP has no published start and end times for its luncheon meetings, but Mama's opens its doors at 11:00 am, and at the last meeting there were folks waiting outside to get in when the doors were unlocked.

NOVA-QRP has no officers, dues, rules, regulations, business, minutes or any of the other trappings of organized groups. Rather, we have tall tales, show and tell for QRP rigs and equipment (bring yours to show and tell), and a lot of fraternizing with other high-powered low power folks.

NOVA-QRP also has a continuing supply of free Altoids tins and other stuff for those who attend. For needy hams, this is indeed a kinda paradise.

NOVA-QRP's official list is maintained by K4AHK. To be added to that list for official notification of meetings send an email request to K4AHK@ix.netcom.com and he'll see that you are properly notified.

NOVA-QRP hopes to see you there. Be sure to bring a copy of your QSL card for the membership book. And, if you have a ham call sign badge, be sure to wear it.

73, Al, WB4JJJ
Fairfax, Virginia

Date: Fri, 12 Nov 1999 14:15:00 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [55928] New Toys
Message-ID: <199911121855.NAA16703@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

Just received a package from Germany with some new toys, a couple of hand pump keys :-)

Ones called a "MINKY", made by DK1WE. It's a minature key of unique design that really looks nice and has a geat feel. Apparently the fellow who makes them is 70 years old and may not be making them much longer. A shame, as it's a great little key. Real gald I was able to track one down :-)

Also got a massive Peter Jones Key. I do mean massive, must weigh three pounds! Biggest hand key I've ever seen. This was also left over stock, so got a good deal on it. Peter Jones hasn't made keys in 2 years, so also a good find.

Now to wire up some plugs and tap out some code!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 12 Nov 1999 15:12:58 -0500
From: "Norman A. Jackson" <nvj@megalink.net>
To: qrp-l@Lehigh.EDU
Subject: [55929] QRP Homebrewer
Message-ID: <3.0.6.32.19991112151258.007bbb10@megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just came from the mailbox where I found the first issue of QRP Homebrewer. I want to say a BIG thank you to George (N2APB) and others who had a part in this publication. It will be a great addition to any QRP ham shack.

Thanks again.
72,
Norm/K1NAJ

Date: Fri, 12 Nov 1999 13:55:35 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [55930] Updating N/T+ FOX sked soon
Message-ID: <199911121359_MC2-8CC5-E895@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Well the N/T+ FOX hunt season is well underway, and we have several excited and capable FOXes out there already. Still have one or two more yet to appear.

I have asked each N/T+ FOX to send me their proposed skeds through the end of 1999. Want to go through them first. ASAP afterward I will ask Mary N!6E to post them on the N/T+ Web Page. Will announce when this has all been done.

Thanks for your extraordinary support of the N/T+ process. Would be easy to let this just go by, but you have instead pitched in to make it a success. Makes me proud to be part of this gang. You are a tribute to our

great hobby :-).

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Fri, 12 Nov 1999 14:59:41 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [55931] Re: Updating N/T+ FOX sked soon
Message-ID: <3.0.32.19991112145933.007139b8@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:55 PM 11/12/99 -0500, you wrote:

>Gang:

>

>Well the N/T+ FOX hunt season is well underway, and we have several excited
>and capable FOXes out there already. Still have one or two more yet to
>appear.

Dear Doc and the Gang,

Thanks to Doc for his efforts in getting the N/T+ Fox program
going!! Also thanks to the N/T+ folks who have the courage to
participate!! We hounds will of course exercise courteous
operating procedure.

73 to all

Pete NV4V

Date: Fri, 12 Nov 1999 15:13:51 -0500
From: "Tom Hybiske" <hybiske@generalatronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [55932] OT: looking for CW software
Message-ID: <002401bf2d4a\$700886a0\$8c68f326@generalatronics.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My venerable Heathkit (mu)Matic memory keyer finally bit the dust, so in
looking for a replacement I am exploring the possibilities of using my PC to

do the work. So far, I haven't found much out there that interests me. I would like to use, say, the "F" keys to load contest exchanges, standard QSO remarks, etc. I'm not interested in "keyboard morse", but I guess that would be an interesting feature being that I've never tried it before. I envision building an interface board that would link my rig to the computer through maybe the parallel port. I'm also not interested in de-coding incoming CW. Can anyone recommend a software package if one exists?

tnx es 7 2,

Tom K3GM

Date: Fri, 12 Nov 1999 12:30:09 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: hybiske@generalatronics.com
Cc: qrp-1@lehigh.edu (qrp)
Subject: [55933] Re: OT: looking for CW software
Message-ID: <199911122030.MAA29499@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Tom,

What contest software are you using? I would recommend TRlog which will handle all you memory keyer chores, plus allows Paddle input via the computer, and handles the logging chores.

cheers, Paul - VE7CQK - email: paule@sfu.ca

> My venerable Heathkit (mu)Matic memory keyer finally bit the dust, so in
> looking for a replacement I am exploring the possibilities of using my PC to
> do the work. So far, I haven't found much out there that interests me. I
> would like to use, say, the "F" keys to load contest exchanges, standard QSO
> remarks, etc. I'm not interested in "keyboard morse", but I guess that
> would be an interesting feature being that I've never tried it before. I
> envision building an interface board that would link my rig to the computer
> through maybe the parallel port. I'm also not interested in de-coding
> incoming CW. Can anyone recommend a software package if one exists?
>
> tn timer 7 2,
>
> Tom K3GM
>

>
>

Date: Fri, 12 Nov 1999 15:36:36 EST
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu
Subject: [55934] Re: OT: looking for cw software
Message-ID: <0.d2eb6498.255dd454@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Tom,

What I have used is a shareware version of TR (yes, the contesting software). For casual qso's I didn't use it for my logging, I just used it to send cw but in contests, I also used this program to do all the logging/keying for me. I made a simple interface to go from the computer to the key line in the radio and then I had all of the "F" keys programmed for different messages. Another neat feature with TR is that you can plug in your paddles to the interface, and use the program just as a keyer, which is what I did when I didn't have paddles yet.

You can download the free version of TR at their website (www.qth.com/tr). Hopefully I will be getting a full licensed copy of TR this holiday season for ALL of my contesting needs :)

If you have any questions, feel free to e-mail me.

73,
Ben
NW7DX

Date: Fri, 12 Nov 1999 12:53:49 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [55935] NY with 3mW & ME with 7mW
Message-ID: <19991112205349.19199.rocketmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It was an interesting morning here. Turned on 21.060MHz at 17:56z and caught John, KU4AF/QRP CQ'ing from NY.

My 2 ele quad was pointed away but he & his K2 still heard me on my first call. He said he had a loop

antenna.

I was running 45mW to start, he gave me a 539, & I gave him a 579. On his 2nd turn I moved my quad at him and was ready to ask if I could reduce power. He said ok, and away we go!

My QRP+ has a small rubber thing pressed over the RF power control and helps me get a grip. As always I have my WM-2 QRP wattmeter inline.

John & I got down to 7 then 3mW and he repeated my power and sent me an 429 for 7mW and 329 for 3mW. Then John took his K2 down to 100mW and he got a 339 from me.

2X QRP Limbo !!

Also on frequency was Joel KE1LA at 18:16z and he gave me a 339 at 7mW from ME! That lowers my WASTP even more!

What ears! What conditions! What a hobby!

My best power for ME with a QSL card returned, was also Joel @ 60mW. So yes, that was very helpfull Joel, thank you!

Next at 20:07z comes John K1JD & ANOTHER K2! Ok, I'm getting the message folks! (I've spoken to Santa abt a K2 for KJ5TF) hi

So John and I are on 28.061mHz and he took me down to 15mW before some local QRN came in on him.

So, in just a little while this AM I had a blast, and lowered my WASTP for 3 states. NY, ME, & RI.

I will update my website mW WAS page this afternoon or by this evening. I cant wait to see my new total for 50 states!

How low can I go!?

Thanks gang! 72/71's de Jim KJ5TF/NQ5RP

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP#2 - 35.95N 93.28W

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Fri, 12 Nov 1999 14:54:50 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [55936] identification ?
Message-ID: <Pine.LNX.3.95.991112145113.22893F-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

....came across an IC in the 'ol junque box and I can't find out what it is so far.....it's a 30 pin with a marking of "LA7326" and just below it looks like the letters "OGI"....point me in the right direction please?...tnx....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Fri, 12 Nov 1999 15:09:47 -0600
From: "Jim Crooke" <crooke@prodigy.net>
To: <qrp-l@lehigh.edu>
Subject: [55937] SGC 2020 vs. Argonaut II
Message-ID: <199911122110.QAA6770728@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Greetings to the list-

I'm getting my feet wet again on HF after 14 years. It seems that the K2 is a favorite rig among the crowd but I'm too impatient to wait to build the kit. So while I'm getting practice on faster cw (it's been 30 years!), I would like people's opinion on the SGC 2020 vs. the Argonaut II. After I get comfortable with my skills again, then the K2!

Thanks,

Jim WBOHQV

Date: Fri, 12 Nov 1999 14:16:55 -0700

From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-1@Lehigh.EDU
Subject: [55938] ELMER100: ElmeRadio Winners!
Message-ID: <382C83C7.190B9E5E@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Congratulations to Brian Buydens ve5rdv and Ed Loranger we6w
for their excellent entries in the free ElmeRadio contest.
Their definitions were the best of the lot.

Brian chose to us some very fine analogies, and though I
have decided to minimize the use of analogies, his
definitions were an inspiration. He "field tested" his
definitions on his own ten year old daughter. I hope she
enjoys her first radio building experience.

Ed's definitions were more conventional, but were the most
technically accurate of the lot.

I really didn't quote too much from either set of
definitions, but, since they helped me quite a bit, I have
credited both Ed and Brian in the ElmeRadio manual.

Thanks to Ed and Brian and everyone else who submitted
definitions. Brian, I need your address. The radios will
ship in about a week, along with beta units going out to a
few others who have promised to help.

More to come.

Bruce kk7zz

Date: Fri, 12 Nov 1999 16:32:01 EST
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [55939] FG with MFJ9017 4 watts and indoor SLV
Message-ID: <0.4090625.255de151@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well.....pretty slick. Just workedFG/G3TXF on 18070 or so with the MFJ and
the 20M SLV hanging on the wall. Got him on the first call & told him I was

QRP, he said (or I think a push button on his keyer said) I was 599. Don't think so myself. Anyhow.....IT WORKS
72 folks
Greg WB9MII
QRP ARCI 9719

Date: Fri, 12 Nov 1999 14:43:15 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: af852@rgfn.epcc.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55940] Re: QRP-L web site, the official word
Message-ID: <382C2783.F50343E6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I second Ray's "thank you" to Steve. It was a heck of a job, but the stuff was always there.

If you still need to search the archives, you can always use your QRP-L CD-ROM to find most of them, so all is not lost.

--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Fri, 12 Nov 1999 16:45:45 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Bruce Kizerian <kizerian@ced.utah.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55941] Re: ELMER100: ElmeRadio
Message-ID: <Pine.OSF.4.20.9911121643290.21115-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

Does anyone know of any pictures or schematics of the ElmeRadio on the web. I tried the links I had but they seem to be out of date.

Thanks.

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca http://duke.usask.ca/~buydens |
| VE5RDV |

+-----+
| Who is General Failure and why is he trying to read my hard drive? |
+-----+

Date: Fri, 12 Nov 1999 16:42:37 -0700
From: "Carl Zmola" <zmola@campbellsci.com>
To: qrp-1@lehigh.edu
Subject: [55942] 10M ssb HT
Message-ID: <19991112233945011.AAA68@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

OK,

people have asked for updates about the 10M ht that I
purchased. The first one I had was defective on transmit.
I sent it back and they sent out a new one, no questions asked.
I had herd of problems with the company before, but that was from
the CB crowd (Who had modified the radios). For information you
can see

<http://www.copper.com>

the product is the eagle spitfire.

Review.

This little radio appears to be a clone of the Cherokee Ah100 CB. It is
about the size of an ADI201 or simmlar bricklike 2m ht's. It covers 28.0
to 29.7 mhz on AM, USB, LSB, FM (no cw). It comes with a BNC rubber
duck that is about 10" (an estamate).

It comes with a batery pack that takes 9 AA batteries. An AC addapter for
charging nicads in the pack (not enough current to transmit), and a
cigarette lighter adapter.

>From my car, I worked Japan this afternoon. (UT to Japan). I used a
BNC to UHF converter and plugged my magmount into the rig. This was
actually the first QSO on that rig. The rubber duck was able to hear a few
59+ stations but the band was wide open.
I had it plugged into the cigarette adapter.

The tuning of this rig is annoying. It takes two hands.
to scan frequencies you must move on 10khz steps. there is 1khz tuning,
but when pressing the 'up' button from 28.409 in 1khz mode, it wraps back
to 28.400mhz. you can move the step to 10khz and go from
28.401 to 28.411 to 28.421. to tune less than 1khz you use a clarifier.

supposedly it puts out about 7watts ssb.

For automobile use, there are better and cheaper solutions, but for walking
around or hiking this one looks promising.

There is an available adapter that feeds power in and allows the antenna to
be brought out the bottom of the rig. (See the cherokee ah100 which
comes standard with the adapter). This make it an 'all in the mic' radio.
without the battery pack the rig is only 6" high.

A neat little rig, I now have to buy some of those nimh AA cells.

Carl
AC7BB

Carl
zmola@campbellsci.com

End of QRP-L Digest 1637

